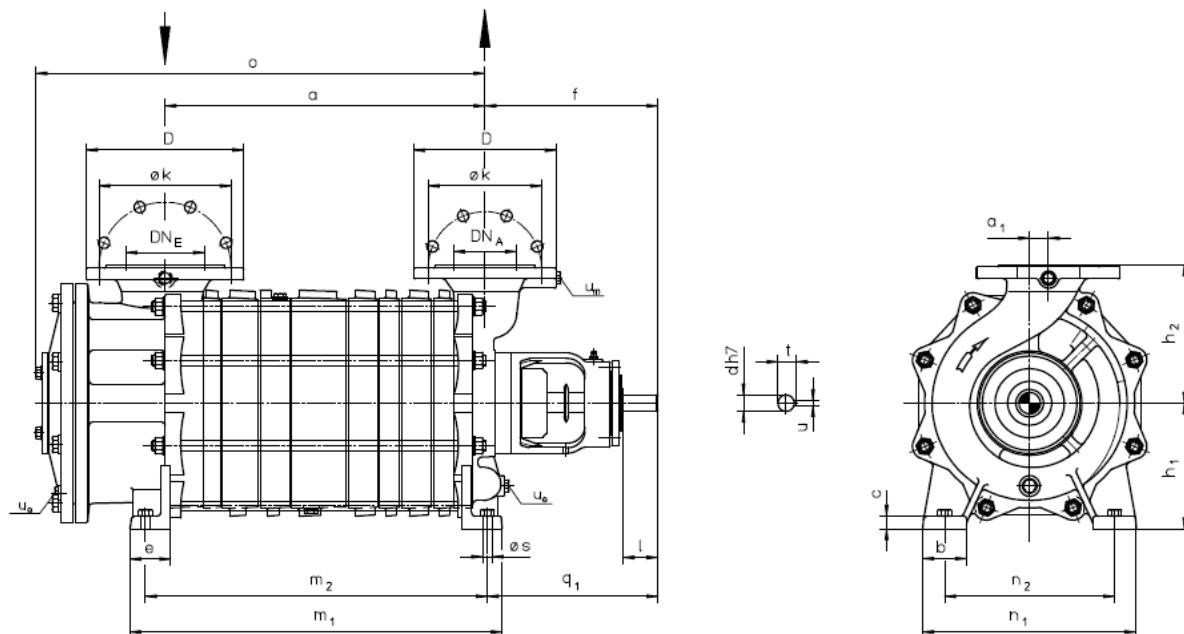


Dimension table

TKH



u_e = drain connection G^{3/8}

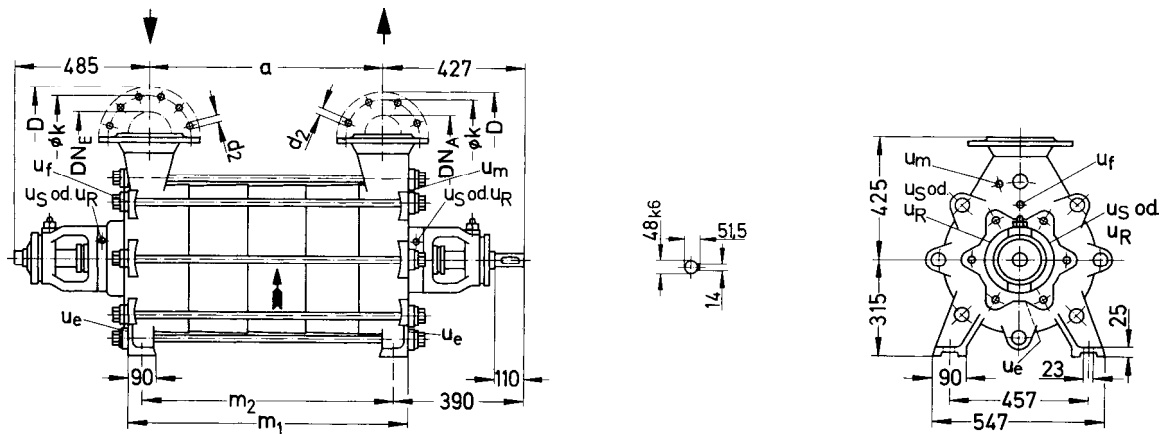
u_m = pressure gauge connection G^{3/8}

Dimensions in mm

Size	DN _A	DN _E	a	a ₁	b	c	e	f	h ₁	h ₂	m ₁	m ₂	n ₁	n ₂	o	q ₁	s	d	l	t	u													
08001	80	100	247	30	50	20	65	282	180	200	337	281	250	200	450	280	15	26	55	29	8													
08002			337								427	371			530																			
08003			417								507	451			610																			
08004			497								587	531			690																			
08005			577								667	611			770																			
08006			657								747	691			850																			
08007			737								827	771			930																			
08008			817								907	851			1010																			
08009			897					987			931	1090			317	32		70	35.5	10														
10001	100	125	248	30	70	20	65	275	200	220	333	283	340	270	459	272	15	26	55	29	8													
10002			338								423	373			544																			
10003			423								508	458			629																			
10004			508								593	543			714																			
10005			593								678	628			799																			
10006			678								763	713			884																			
10007			763					848			798	969																						
10008			848					933			883	1054			294	32		70	35.5	10														
12501	342	422	372	567																														
12502	462	542	492	682	308	36	80	45.5	12																									
12503	577	657	607	797																														
12504	692	772	722	912	346					18	42	80	45.5	12																				
12505	807	887	837	1027																														
12506	922	1002	952	1142	356										42		80				45.5	12												
12507	1037	1117	1067	1257																														
15001	150	200	423	55	80											25		80	328	235			275	252	465	400	320	679	326	18	36	80	45.5	12
15002			573																					675	615			829						
15003			723			825	765	979																										
15004			873			975	915	1129																										
15005			1023			1125	1065	1279	356	42	80	45.5	12																					
15006			1173			1275	1215	1429																										

Dimension table

TLH



u_e = drain connection G 3/8
 u_f = filling connection G 3/4
 u_m = pressure gauge connection G 1/2
 u_R = flushing liquid connection G 3/8
 u_S = sealing liquid connection G 3/8

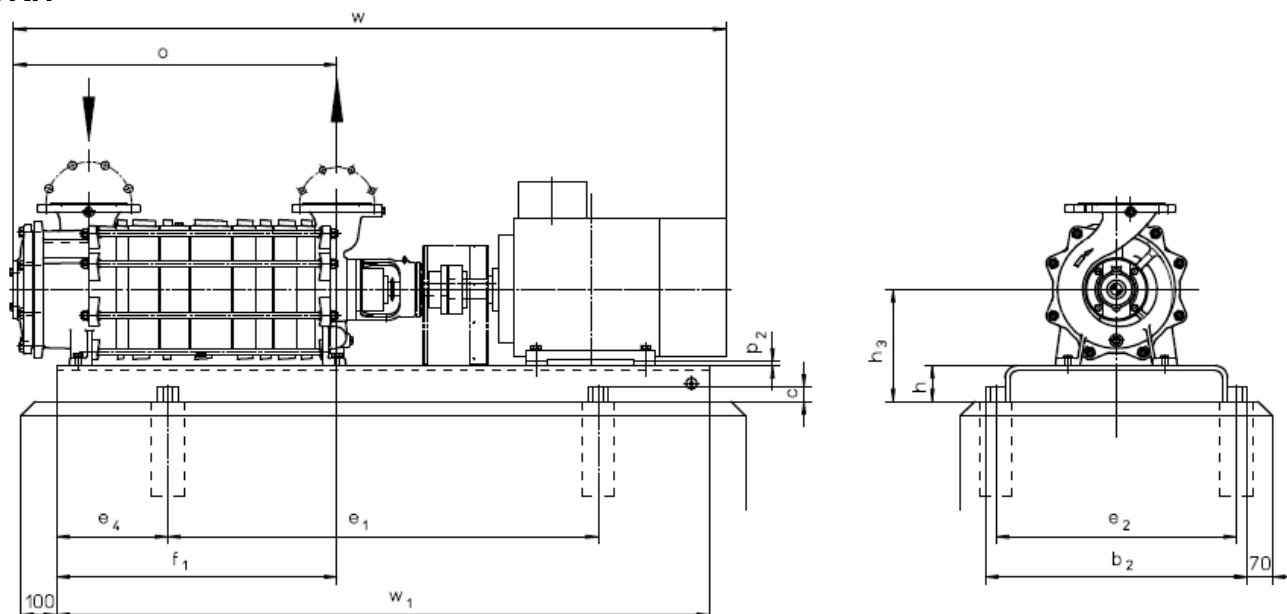
Dimensions in mm

size	DN _A	DN _E	a	m ₁	m ₂
15101	150	200	365	541	445
15102			450	626	530
15103			580	756	660
15104			710	886	790
15105			840	1016	920

Flange connection dimensions acc. to DIN EN 1092-2		
DN _{A,E}	150	200
D	285	340
k	240	295
d ₂ x no.	23 x 8	23 x 8

Foundation plan

TKH



Dimension in mm

Dimension in mm																				
Size	Motor Size	kW	Weight Pump **kg		Set kg	Base plate	Coupling	b ₂	c	e ₁	e ₂	e ₄	f ₁	h	h ₃	o	p ₂	w*	w ₁	Stone bolt EN ISO 898-1
8001	112 M	4	155	200	S344	BDS 76	450	30	660	400	180	341	80	180	439	68	1120	1000	4x FM20X 250	
8002	132 M	7.5	176	240	S385	BDS 88	490	36	740	440	200	431			260	530	48	1275		1140
8003	132 M	7.5	197	274	S436		540	30	840	490	215	1055			610	1350	1270			
8004	160 M	11	218	326	S487	BDS 103	610	35	940	550	240	581	100	280	689	20	1565	1400	4x FM24X 400	
8005	160 L	15	239	333	S388		540	40	1060	490	270	671			769		1645	1600		
8006	160 L	15	260	354								751			849		1725			
8007	180 M	18.5	281	387	S389	BDS 118	540	40	1200	300	300	831	100	285	929	5	1935	1800	6x FM24X 400	
8008	180 L	22	302	408								911		1009	2015					
8009	200 L	30	323	525	S610	BDS 135	740		700	690		991		305	1089		2145	2000		
10001	132 S	5.5	174	231,2	S434	BDS 88	540	40	660	490	170	338	100	280	453	68	1196	1000	4x FM20X 250	
10002	160 M	11	200	270,2	S436	BDS 103		30	840		215	433	80		543	0	1412	1250	4x FM24X 400	
10003	160 L	15	226	310	S387		510		940	456	230	518	110	310	628		1550	1400		
10004	180 M	18.5	252	348	S388	BDS 118	540	40	1060	490	270	603	100	300	713	20	1715	1600	6x FM24X 400	
10005	180 L	22	278	374								688		798	1800					
10006	200 L	30	304	467	S609	BDS 135	730	40	1200	670	310	773		305	883	5	1935	1800		
10007	200 L	30	330	493								858	968	2020						
10008	225 S	37	356	558	S610		740		700	690	300	943	330	1053		2165	2000			
12501	132 M	7.5	223	231	S436	BDS 88	540	30	840	490	215	432	80	292	561	80	1330	1250	4x FM24X 400	
12502	160 L	15	254	269	S487	BDS 103	610	35	940	550	240	552	100	312	681	52	1585	1400		
12503	180 L	22	286	308	S538	BDS 118	660		1060	600	280	667			796	32	1825	1600		
12504	200 L	30	317	347	S609	BDS 135	730	40	1200	670	310	782		332	911	12	1995	1800	6x FM24X 400	
12505	225 M	45	348,5	394	S610		740		700		300	897			1026	7	2175	2000		
12506	225 M	45	380	425	-	BDS 152			750	690	370	1012			1141		2290	2100		
12507	250 M	55	412	467	S612				750			1127		355	1256	5	2500	2240		
15001	160 L	15	328	343	S487	BDS 103	610	35	940	550	240	545	100	335	679	75	1615	1340	4x FM24X 400	
15002	180 L	22	371	393	S538	BDS 118	660		1060	600	280	670	160	415	829	55	1885	1620		
15003	225 S	37	414	451	-	BDS 135	550		1050	490	400	820			979	5	2115	1850		
15004	250 M	55	457	512		BDS 152	640		1250	580		970			1129		2390	2050		
15005	250 M	55	500	555				700		1125		1279			2540		2200			
15006	280 S	75	543	618		BDS 194	650		850	590				1275	445	1429		2720	2500	6x FM24X 400

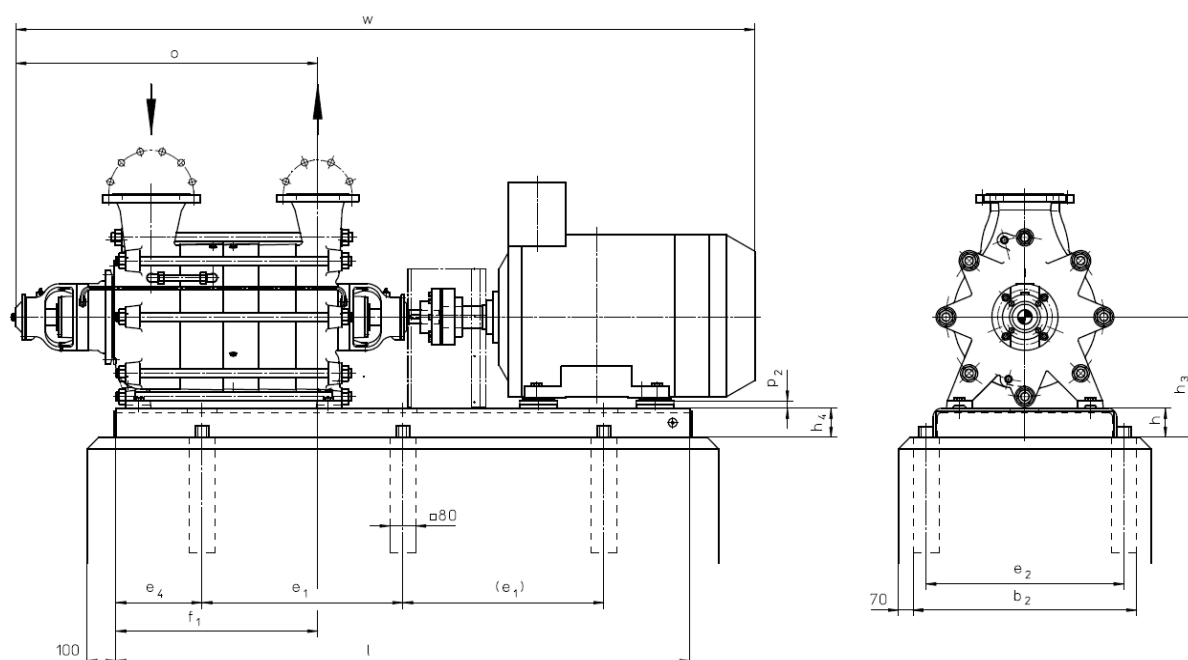
60Hz on request

* Motor - system of protection IP 54, dimensions depend on make of motor.

** Base frame dimensions pump side / motor side

Foundation plan

TLH



Dimension in mm

Size	Motor Size	Motor kW	Pump kg	Set kg	b ₂	e ₁	e ₂	e ₄	f ₁	h	h ₃	h ₃	l	o	p ₁	p ₂	w*	Stone-bolt DIN 529
15101	180 L	22	389	714		800		350	508		475	295	1500	850	-		2020	M 16 x 200
15102	250 M	55		1080							500				25		2308	
/1	225 M	45	459	1000		900			568			250	1700	935			2200	
/2	225 S	37		943													2175	
15103	280 M	90		1411	670		610	400									2627	M 20 x 200
/1	280 S	75		1332													2676	
/1	280 M	90	514	1411		1150			703			195	1950	1065			2627	
/2	250 M	55		1137											30		2438	
/2	280 S	75		1332													2576	
	280 M	90		1466		1080			828				2080				2757	
	315 S	110		1613	720	1200	660		843			160	2200				2825	
	315 M1	132		1703													2876	
/1	280 M	90		1466	670	1080	610		828	160	475	195	2080				2757	
/1	315 S	110		1613	720	1200	660		843			160	2200	1195			2825	
/2	280 M	90		1466	670	1080	610		828			195	2080				2757	
/2	315 S	110		1613	720	1200	660		843			160	2200				2825	
/3	280 S	75		1386	670	1080	610	500	828			195	2080				2706	
	280 M	90		1466													2757	
15105	315 M1	132		1753													3006	M 20 x 200
	315 M2	160		1848													3006	
/1	315 S	110		1663													2955	
/1	315 M1	132		1753	720	1300	660		953			160	2300	1325			3006	
/1	315 M2	160		1848													3006	
/2	315 S	110		1663													2955	
/2	315 M1	132		1753													3006	
/2	315 S	110		1663													2955	
/3	315 S	110		1663													2955	
/3	315 S	110		1663													2955	

* Motor - system of protection IP 54, dimensions depend on make of motor.